

## ABSTRACT

A method and a system is for evaluating the transmitted signals of a probe system, which has a probe element that is deflectable out of a rest position and which generates  
5 transmitted signals, which include a switch-on signal during a deflection of the probe element out of its rest position and which, together with interference signals, are transmitted to a receiving unit, in which the received signals made up of the transmitted signals and the interference signals, are compared  
10 to a reference signal. In this context, the reference signal is formed by interlinking information signals generated from the received signals, and the interference signals, and/or the received signals are differentiated by time, prior to the comparison with the reference signal.